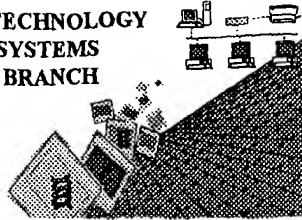


0570  
0331

## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/851,674A  
Source: OPE  
Date Processed by STIC: 4/1/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN ASSISTANCE: e-mail: [robert.wax@uspto.gov](mailto:robert.wax@uspto.gov) Telephone: 703-306-4119

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202  
**EFFECTIVE MAY 1, 2003 (via USPS):** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/01/2003



OIPE

Does Not Comply  
Correction/Amendment Needed

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,674A

DATE: 04/01/2003

TIME: 14:10:55

Input Set : A:\EP.txt

Output Set: N:\CRF4\04012003\I851674A.raw

2 <110> APPLICANT: VAIDYANATHAN, AKHILESWAR GANESH  
 3 ARGENTAR, DAVID RUBEN  
 4 BLOCH, KAREN MARIE  
 5 HOLYST, HERBERT ALAN  
 6 MOSER, ALLAN ROBERT  
 7 ROGERS, WADE THOMAS  
 8 UNDERWOOD, DENNIS JOHN  
 10 <120> TITLE OF INVENTION: METHOD OF DISCOVERING PATTERNS IN SYMBOL SEQUENCES  
 12 <130> FILE REFERENCE: CL-1666 USNA  
 14 <140> CURRENT APPLICATION NUMBER: 09/851,674A  
 15 <141> CURRENT FILING DATE: 2001-05-09  
 17 <160> NUMBER OF SEQ ID NOS: 2  
 19 <170> SOFTWARE: PatentIn version 3.1  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 47  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Artificial

W--&gt; 27 &lt;220&gt; FEATURE:

W--&gt; 27 &lt;223&gt; OTHER INFORMATION:

W--&gt; 27 &lt;400&gt; 1

28 Glu Cys Gly His His Ala Phe Ser Asp Tyr Gln Trp Val Asp Asp Glu  
 29 1 5 10 15  
 31 Asn Pro Leu Gln Lys Val Pro Thr Ser Lys Pro Pro Phe Thr Val Gly  
 32 20 25 30  
 34 Asp Ile Lys Lys Ala Ile Pro Pro His Cys Phe Gln Arg Ser Leu  
 35 35 40 45

38 &lt;210&gt; SEQ ID NO: 2

39 &lt;211&gt; LENGTH: 54

40 &lt;212&gt; TYPE: PRT

41 &lt;213&gt; ORGANISM: Artificial

W--&gt; 43 &lt;220&gt; FEATURE:

W--&gt; 43 &lt;223&gt; OTHER INFORMATION:

W--&gt; 43 &lt;400&gt; 2

44 Cys Glu Val Gly Val Val Leu Arg Lys Val Lys Pro Val Ser Lys Val  
 45 1 5 10 15  
 47 Pro Ile Val Phe Gln Arg Ser Leu Val Pro Thr Pro His Val Leu Arg  
 48 20 25 30  
 50 Lys Ala Trp Val Cys Val Tyr Glu Ala Gly His His Gln Tyr Trp Phe  
 51 35 40 45  
 53 Tyr Gly Trp Val Asn Gly  
 54 50

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/851,674A

DATE: 04/01/2003  
TIME: 14:10:56

Input Set : A:\EP.txt  
Output Set: N:\CRF4\04012003\I851674A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"  
or "Unknown". Please explain source of genetic material in <220> to <223>  
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:1,2

**VERIFICATION SUMMARY**

DATE: 04/01/2003

PATENT APPLICATION: US/09/851,674A

TIME: 14:10:56

Input Set : A:\EP.txt

Output Set: N:\CRF4\04012003\I851674A.raw

L:27 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>  
ORGANISM:Artificial  
L:27 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>  
ORGANISM:Artificial  
L:27 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:27  
L:43 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial  
L:43 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial  
L:43 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:43